

## **Reporting / Monitoring Frequency**

HHSC will pilot network adequacy analysis and report delivery during quarter 3, Fiscal Year 2017. This analysis will include time and distance for PCPs and Main Dentists and will be delivered to MCOs in July 2017. Please see timeline on page 8 for additional information.

HHSC will conduct a full baseline report for travel time every three years, and a full baseline report for distance analysis every year. The first report, including both travel time and distance analysis will include data from Quarter 4, Fiscal Year 2017 and will be sent to the MCOs by October 31, 2017 (consistent with the timeline on page 8). Each baseline report will include all programs and plans serving each county, and will analyze provider types outlined in the chart entitled "Provider Types and Corresponding Standards."

On a quarterly basis, HHSC will monitor provider fluctuation within counties by comparing provider counts for the current quarter to the previous quarter and the baseline. HHSC will conduct full travel time and distance analysis when data indicate the change in number of providers might bring the MCO within established standards, or move the MCO below the established standards.

## **Network Adequacy Analysis Data Sources**

Effective all quarters beginning Q3 FY 2017, HHSC will begin conducting network adequacy analysis and geo-mapping for all programs. The provider data sources HHSC will use to conduct analysis are the P84, P88, and P023 provider files which are created from the MCO P92, P94, and P020 provider files.

Network adequacy reporting will be derived from the 2<sup>nd</sup> provider reconciliation file from the first month of the quarter for analysis. For example, for the distance and travel time baseline analysis that represents Q4 FY 2017, HHSC will use the 2<sup>nd</sup> provider file from June 2017.

MCOs should ensure provider files are submitted accurately and timely consistent with the EB CHIP JIP. MCOs must ensure that provider response file issues are resolved timely to ensure accurate provider representation.

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As noted in managed care contracts, MCOs are subject to HHSC remedies should they not submit provider files on time and in accordance with the EB CHIP JIP.

The below chart notes the MCO provider file, provider response file and final file used for HHSC network adequacy analysis.

<b>Program</b>	<b>Provider Network File (MCO / DMO Submitted)</b>	<b>Provider Response File</b>	<b>Provider File Used for Network Adequacy Analysis</b>
MMC	P92 PCP Network File	P85 PCP Network Error Response File	P84 PCP Reconcile File
MMC	P94 Specialist Network File	P86 Specialist Network Error Response File	P88 Specialist Reconcile File
CHIP	P020 Monthly Provider File	P022 Provider Error Response File	P023 Provider Reconcile File

In addition, HHSC will utilize the MED ID, P010 with Dental, and P010 Perinate for CHIP enrollment files for member information.

### File Delivery Logistics

MCO files will be posted to the XXXNETAD folders in TexMedCentral. Initial files will be created in Microsoft Excel and will be delivered within two months after the close of the quarter for analysis. Please see the column entitled "HHSC Generated Report Due Date" in below timeline for additional information. For example, baseline reports for Quarter 4, Fiscal Year 2017 will be delivered to MCOs by October 31, 2017.

## **Software Used for Analysis**

HHSC is using the below software programs to develop geo-mapping reports:

1. StreetMap Premium for ArcGIS. This product works within the ArcGIS Desktop program and is the tool used for geo-coding addresses.
2. ArcGIS Desktop, including the Spatial Analyst and Network Analyst extensions. These extensions support geo-distance and travel time analysis, respectively.

ESRI is the company that produces the ArcGIS products.

3. 'R'. This is an open-source statistical analysis program available without charge. The geosphere package developed for 'R' is used for conducting geo-distance analysis. This program runs the same geo-distance functions utilized in ArcGIS to calculate distance between geographical points.
4. MatchMaker SDK Pro. This program is also used for geo-coding addresses. Please note the company that develops this software will soon discontinue it, at which point HHSC will use StreetMap Premium for ArcGIS for geo-coding addresses.

## Provider Types and Corresponding Standards

Provider Type		Current Managed Care Contracts		March 2017 Contract Standards					
		Distance in Miles	Travel Time	Distance in Miles			Travel Time in Minutes		
				Metro	Micro	Rural	Metro	Micro	Rural
<b>Behavioral Health-outpatient</b>		30 urban 75 rural	none	30	30	75	45	45	80
<b>Hospital- Acute Care</b>		30	none	30	30	30	45	45	45
<b>Prenatal</b>		none	none	10	20	30	15	30	40
<b>Primary Care Provider<sup>1</sup></b>		30	none	10	20	30	15	30	40
<b>Specialty Care Provider<sup>2</sup></b>	Cardiovascular Disease	75	none	20	35	60	30	50	75
	ENT (otolaryngology)	75	none	30	60	75	45	80	90
	General Surgeon	75	none	20	35	60	30	50	75
	OB/GYN	75	none	30	60	75	45	80	90
	Ophthalmologist	75	none	20	35	60	30	50	75
	Orthopedist	75	none	20	35	60	30	50	75
	Pediatric Sub-Specialists (Informational Only)	75	none	20	35	60	30	50	75
	Psychiatrist	75	none	30	45	60	45	60	75
	Urologist	75	none	30	45	60	45	60	75
	Other Physician Specialties	75	none	30	60	75	45	80	90
<b>Occupational, Physical, or Speech Therapy</b>		75	none	30	60	60	45	80	75
<b>Nursing Facility</b>		75	none	75	75	75	N/A	N/A	N/A
<b>Main Dentist (general or pediatric)</b>		30 urban 75 rural	none	30	30	75	45	45	90
<b>Dental Specialists</b>	Pediatric Dental	75	none	30	30	75	45	45	90
	Endodontist, Periodontist, or Prosthodontist	75	none	75	75	75	90	90	90
	Orthodontist	75	none	75	75	75	90	90	90
	Oral Surgeons	75	none	75	75	75	90	90	90

<sup>1</sup> Primary care provider services include acute, chronic, preventive, routine, or urgent care for adults and children.

<sup>2</sup> Specialty care provider services include acute, chronic, preventive, routine, or urgent care for adults and children.



## County Designations<sup>3</sup>

### Metro:

- |             |               |                |                |
|-------------|---------------|----------------|----------------|
| 1. Angelina | 13. El Paso   | 25. Jefferson  | 37. Rockwall   |
| 2. Bell     | 14. Ellis     | 26. Johnson    | 38. Smith      |
| 3. Bexar    | 15. Fort Bend | 27. Kaufman    | 39. Tarrant    |
| 4. Bowie    | 16. Galveston | 28. Lubbock    | 40. Taylor     |
| 5. Brazoria | 17. Grayson   | 29. McLennan   | 41. Travis     |
| 6. Brazos   | 18. Gregg     | 30. Midland    | 42. Victoria   |
| 7. Cameron  | 19. Guadalupe | 31. Montgomery | 43. Webb       |
| 8. Collin   | 20. Harris    | 32. Nueces     | 44. Wichita    |
| 9. Comal    | 21. Hays      | 33. Orange     | 45. Williamson |
| 10. Dallas  | 22. Hidalgo   | 34. Parker     |                |
| 11. Denton  | 23. Hood      | 35. Potter     |                |
| 12. Ector   | 24. Hunt      | 36. Randall    |                |

### Micro:

- |             |               |                  |                |
|-------------|---------------|------------------|----------------|
| 1. Anderson | 9. Hardin     | 17. Morris       | 25. Van Zandt  |
| 2. Aransas  | 10. Harrison  | 18. Nacogdoches  | 26. Walker     |
| 3. Bastrop  | 11. Henderson | 19. Rusk         | 27. Waller     |
| 4. Caldwell | 12. Kendall   | 20. San Patricio | 28. Washington |
| 5. Camp     | 13. Kerr      | 21. Starr        | 29. Wilson     |
| 6. Chambers | 14. Lamar     | 22. Titus        | 30. Wise       |
| 7. Cherokee | 15. Liberty   | 23. Tom Green    | 31. Wood       |
| 8. Coryell  | 16. Maverick  | 24. Upshur       |                |

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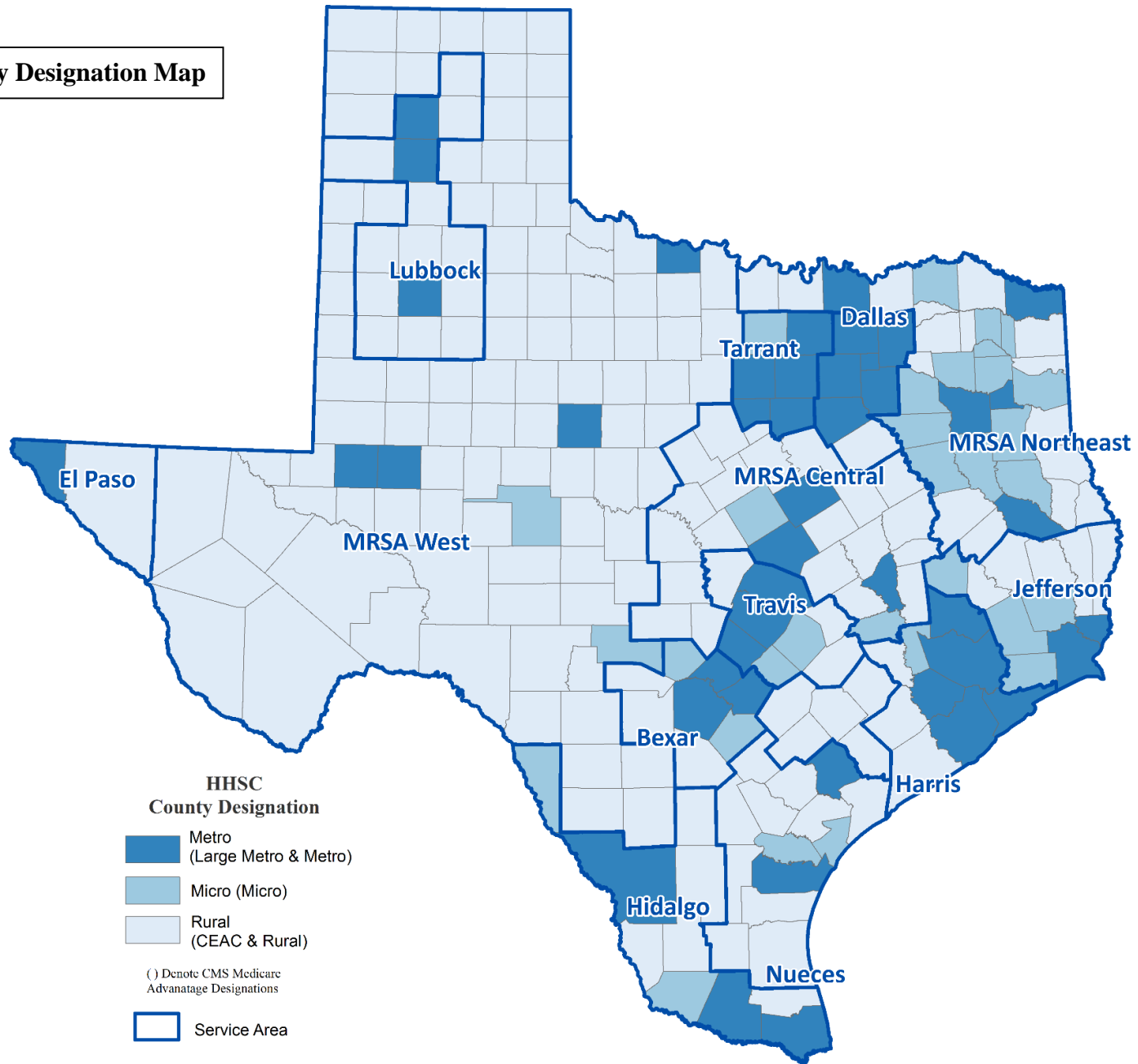
<sup>3</sup> County designation methodology is based on Medicare Advantage designations developed by CMS. Medicare designations include Large Metro, Metro, Micro, Rural, or CEAC (counties with extreme access considerations). For the purposes of access standards outlined in this proposal, HHSC has combined Large Metro and Metro into a single designation (Metro) and has combined Rural and CEAC designations into a single designation (Rural).

## Network Adequacy Technical Specifications Draft For MCO Review

### Rural:

1. Andrews	37. Crosby	73. Hartley	109. Loving	145. Runnels
2. Archer	38. Culberson	74. Haskell	110. Lynn	146. Sabine
3. Armstrong	39. Dallam	75. Hemphill	111. Madison	147. San Augustine
4. Atascosa	40. Dawson	76. Hill	112. Marion	148. San Jacinto
5. Austin	41. Deaf Smith	77. Hockley	113. Martin	149. San Saba
6. Bailey	42. Delta	78. Hopkins	114. Mason	150. Schleicher
7. Bandera	43. DeWitt	79. Houston	115. Matagorda	151. Scurry
8. Baylor	44. Dickens	80. Howard	116. McCulloch	152. Shackelford
9. Bee	45. Dimmit	81. Hudspeth	117. McMullen	153. Shelby
10. Blanco	46. Donley	82. Hutchinson	118. Medina	154. Sherman
11. Borden	47. Duval	83. Irion	119. Menard	155. Somervell
12. Bosque	48. Eastland	84. Jack	120. Milam	156. Stephens
13. Brewster	49. Edwards	85. Jackson	121. Mills	157. Sterling
14. Briscoe	50. Erath	86. Jasper	122. Mitchell	158. Stonewall
15. Brooks	51. Falls	87. Jeff Davis	123. Montague	159. Sutton
16. Brown	52. Fannin	88. Jim Hogg	124. Moore	160. Swisher
17. Burleson	53. Fayette	89. Jim Wells	125. Motley	161. Terrell
18. Burnet	54. Fisher	90. Jones	126. Navarro	162. Terry
19. Calhoun	55. Floyd	91. Karnes	127. Newton	163. Throckmorton
20. Callahan	56. Foard	92. Kenedy	128. Nolan	164. Trinity
21. Carson	57. Franklin	93. Kent	129. Ochiltree	165. Tyler
22. Cass	58. Freestone	94. Kimble	130. Oldham	166. Upton
23. Castro	59. Frio	95. King	131. Palo Pinto	167. Uvalde
24. Childress	60. Gaines	96. Kinney	132. Panola	168. Val Verde
25. Clay	61. Garza	97. Kleberg	133. Parmer	169. Ward
26. Cochran	62. Gillespie	98. Knox	134. Pecos	170. Wharton
27. Coke	63. Glasscock	99. La Salle	135. Polk	171. Wheeler
28. Coleman	64. Goliad	100. Lamb	136. Presidio	172. Wilbarger
29. Collingsworth	65. Gonzales	101. Lampasas	137. Rains	173. Willacy
30. Colorado	66. Gray	102. Lavaca	138. Reagan	174. Winkler
31. Comanche	67. Grimes	103. Lee	139. Real	175. Yoakum
32. Concho	68. Hale	104. Leon	140. Red River	176. Young
33. Cooke	69. Hall	105. Limestone	141. Reeves	177. Zapata
34. Cottle	70. Hamilton	106. Lipscomb	142. Refugio	178. Zavala
35. Crane	71. Hansford	107. Live Oak	143. Roberts	
36. Crockett	72. Hardeman	108. Llano	144. Robertson	

## County Designation Map





## Network Adequacy Technical Specifications Draft For MCO Review

	Fiscal Quarter	Performance Months			Geo-Access Report (Current)	Quarterly Monitoring	Baseline Report	HHSC Generated Report Due Date (New)	Milestone / Health Plan Remedies
<b>2017</b>	Q3	MAR	APR	MAY		X		July 2017	<ul style="list-style-type: none"> <li>Mar 2017 Contract effective</li> <li>PCP and Main Dentist Analysis Complete</li> </ul>
	Q4	JUN	JUL	AUG			X	Oct 2017	<ul style="list-style-type: none"> <li><b>Distance and Travel Time Baseline Complete (All Provider Types)</b></li> </ul>
<b>2018</b>	Q1	SEPT	OCT	NOV		X		Jan 2018	<ul style="list-style-type: none"> <li>75% Standard (CAP Only)</li> </ul>
	Q2	DEC	JAN	FEB		X		April 2018	<ul style="list-style-type: none"> <li>75% Standard (CAP Only)</li> </ul>
	Q3	MAR	APR	MAY		X		July 2018	<ul style="list-style-type: none"> <li>75% Standard (CAP Only)</li> </ul>
	Q4	JUN	JUL	AUG			X	Oct 2018	<ul style="list-style-type: none"> <li>75% Standard (CAP Only)</li> <li><b>Distance Baseline Complete</b></li> </ul>
<b>2019</b>	Q1	SEPT	OCT	NOV		X		Jan 2019	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q2	DEC	JAN	FEB		X		April 2019	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q3	MAR	APR	MAY		X		July 2019	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q4	JUN	JUL	AUG			X	Oct 2019	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> <li><b>Distance Baseline Complete</b></li> </ul>
<b>2020</b>	Q1	SEPT	OCT	NOV		X		Jan 2020	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q2	DEC	JAN	FEB		X		April 2020	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q3	MAR	APR	MAY		X		July 2020	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> </ul>
	Q4	JUN	JUL	AUG			X	Oct 2020	<ul style="list-style-type: none"> <li>90% Standard (CAP and LD)</li> <li><b>Distance and Travel Time Baseline Complete</b></li> </ul>